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PTO/SB/21 (08-00)
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | | |
|--|----------------------|------------------------|-------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 09/954,698 | |
| | Filing Date | 09/11/2001 | |
| | First Named Inventor | William H. Thesling | |
| | Group Art Unit | 2133 | |
| | Examiner Name | Unknown | |
| Total Number of Pages in This Submission | 20 | Attorney Docket Number | 74448/07215 |

ENCLOSURES (check all that apply)

| | | |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input checked="" type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Declaration for Patent Application |
| Remarks | | COPY OF PAPERS ORIGINALLY FILED |
| | | |

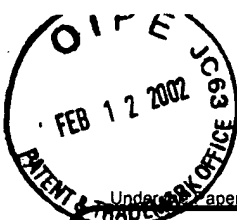
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------------|---|
| Firm or Individual name | Eric D. Jorgenson Arter & Hadden LLP |
| Signature | |
| Date | January 17, 2002 |

CERTIFICATE OF MAILING

| | | |
|---|--------------------|-----------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 01/17/2002 | | |
| Typed or printed name | Valerie A. Salvino | |
| Signature | | Date 01/17/2002 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 160.00

Complete if Known

| | |
|----------------------|---------------------|
| Application Number | 09/954,698 |
| Filing Date | 09/11/2001 |
| First Named Inventor | William H. Thesling |
| Examiner Name | Unknown |
| Group Art Unit | 2133 |
| Attorney Docket No. | 74448/07215 |

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 50-0902 (74448/07215)

Deposit Account Name ARTER & HADDEN LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|-----------------|
|----------|----------|----------|----------|-----------------|

| | | | | |
|-----|-----|-----|-----|------------------------|
| 101 | 710 | 201 | 355 | Utility filing fee |
| 106 | 320 | 206 | 160 | Design filing fee |
| 107 | 490 | 207 | 245 | Plant filing fee |
| 108 | 710 | 208 | 355 | Reissue filing fee |
| 114 | 150 | 214 | 75 | Provisional filing fee |

Fee Paid

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Independent Claims | -20** = 0 | X | \$0.00 |
| Multiple Dependent | -3** = 0 | X | \$0.00 |

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|-----------------|
|----------|----------|----------|----------|-----------------|

| | | | | |
|-----|-----|-----|-----|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid |
| 109 | 80 | 209 | 40 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) \$0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Fee Code | Large Entity (\$) | Small Entity (\$) | Fee Description | Fee Paid | |
|-----------------------------------|-------------------|-------------------|-----------------|--|---------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | \$65.00 |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | \$55.00 |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | \$40.00 |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | | |
| *Reduced by Basic Filing Fee Paid | | | | | |
| SUBTOTAL (3) (\$) \$160.00 | | | | | |

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Fee Description

SUBMITTED BY

| | | | | | |
|-------------------|-------------------|-----------------------------------|------------|-----------|----------------|
| Name (Print/Type) | Eric D. Jorgensen | Registration No. (Attorney/Agent) | 46,002 | Telephone | (216) 696-2497 |
| Signature | | Date | 01/17/2002 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF : William H. Thesling, et al.
FOR : SOFT INPUT - SOFT OUTPUT FORWARD ERROR
CORRECTION DECODING FOR TURBO CODES
SERIAL NO. : 09/954,698
FILED : September 11, 2001
ART UNIT : 2133
DOCKET NO. : 74448/07215

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LETTER

BOX MISSING PARTS
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This communication is in response to the Notice to File Missing Parts of Nonprovisional Application - Filed Under 37 CFR 1.53(b) dated October 25, 2001. Enclosed is an executed Declaration as signed by the inventors on January 14, 2002, and an Assignment and cover sheet and corrected formal drawings for filing with the U.S. Patent and Trademark Office.

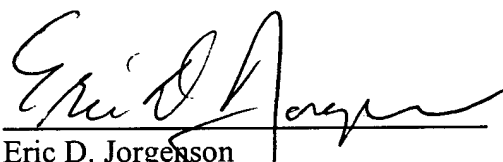
Accordingly, the surcharge of \$65.00 as set forth in 37 CFR 1.16(e) is enclosed with an additional \$40.00 for the Assignment fee. Also enclosed is a Petition for a One-Month Extension of Time with an additional \$55.00 extension fee. Applicants request that the Declaration be entered and made of record in this application. If there are any fees necessitated by the foregoing communication, please charge such fees to our Deposit Account No. 50-0902, referencing our Docket No. (74448/07215).

Respectfully submitted,

ARTER & HADDEN LLP

Date:

1/17/2002



Eric D. Jorgenson

Reg. No. 46,002

1100 Huntington Building

925 Euclid Avenue

Cleveland, Ohio 44115-1475

Customer No. 23380

(216) 696-2497 (phone)

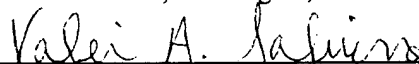
(216) 696-2645 (fax)

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Box Missing Parts, Assistant Commissioner for Patents, Washington, D.C. 20231.

Date:

JAN. 17, 2002



Name: Valerie A. Salvino

618807.1

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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/954,698 | 09/11/2001 | William H. Thesling | 74448/07215 |

CONFIRMATION NO. 8614

23380
ARTER & HADDEN, LLP
1100 HUNTINGTON BUILDING
925 EUCLID AVENUE
CLEVELAND, OH 44115-1475

FORMALITIES LETTER



OC000000006922661

DOCKET

OCT 30 2001

ARTER & HADDEN

Date Mailed: 10/25/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

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An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

02/15/2002 HH0HAMM1 00000070 09954698

01 FC:205

65.00 OP

*A copy of this notice **MUST** be returned with the reply.*

